



## Third Generation Planning Project in Libya, October 2007


### Dear Reader,

This Newsletter presents some highlights of the Project up to end of **October 2007**. It is primarily intended for people working in the Project and does not intend to give a complete overview of the work involved. The Newsletter and more information about the Project can also be found on the WSP Homepage. Please also note that the Newsletter has an informal character and that its content does not imply official endorsement by NCB or UPA.

If you have ideas or questions about the Project, please contact the Project Technical Manager, Mr. Christer Kjørneberg, [christer.kjorneberg@ncbly.com](mailto:christer.kjorneberg@ncbly.com)

### Project Planning Tool Awarded

During the Annual Conference, held in England, Ms. Siv Scheele received the WSP Outstanding Award for the development of the Integrated Planning Model. IPM was developed in the ongoing work with the Tripoli Regional Plan and is a GIS planning tool. It joins population and employment data with geographic characteristics in combination with various strategies for settlement density. One important indicator is accessibility, hence traffic modeling is also applied. One application example is to project future directions of urban expansion.

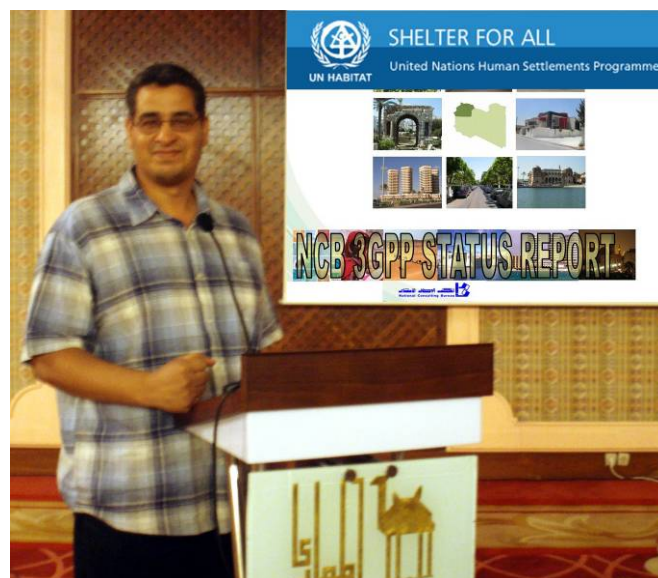
<p><b>Criteria</b></p> 	<p><b>Size</b></p> <ul style="list-style-type: none"> <li>• 1,500 hectares</li> </ul> <p><b>Accessibility and proximity</b></p> <ul style="list-style-type: none"> <li>• Tripoli metropolitan area</li> <li>• Roads</li> <li>• Ports</li> <li>• Railway</li> <li>• Electricity supply</li> <li>• Gas supply</li> <li>• Water supply</li> </ul> <p><b>Land use</b></p> <ul style="list-style-type: none"> <li>• Scrubland, grassland, steppes</li> </ul> <p><b>Present land use</b></p> <ul style="list-style-type: none"> <li>• Scrubland, grassland, steppes</li> <li>• Agricultural land, low value</li> <li>• Industrial areas</li> </ul> <p><b>Restrictions</b></p> <ul style="list-style-type: none"> <li>• Urban areas, Mixed urban areas</li> <li>• Sporting areas, parks etc</li> <li>• Agricultural land, high value, Forests</li> </ul> <p><b>Configuration of site</b></p> <ul style="list-style-type: none"> <li>• One large area without crossing roads, railways,</li> <li>• Flat</li> <li>• Possibilities for future expansion</li> </ul>
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IPM GIS Analysis - Suitability Pattern



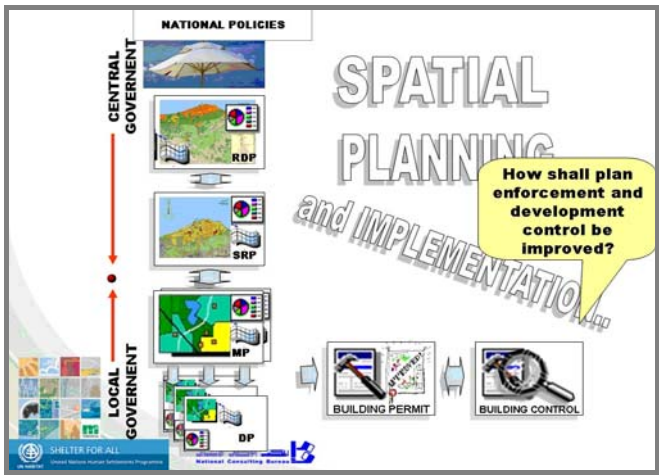
### World Habitat Day 2007

The United Nations has designated the first Monday in October every year as World Habitat Day to reflect the state of human settlements. In Libya, the Urban Planning Agency (UPA), UN-HABITAT and the National Consulting Offices used the day to increase awareness of the activities of the Third Generation Planning Project, especially the development of urban plans and the role of UPA in this process. NCB, being one of the National Consulting Offices, with responsibility to plan for sustainable development in the Tripoli Region, presented some findings from the ongoing work.



Mr. Omar Beshari, NCB gave a presentation on findings from 3GPP and urban plans related to the case study of Tripoli Region





We are proud to see Mr. Kiran Burra as a new Project member taking up a position as a GIS Engineer/Quality Control. He originates from Mumbai and prior to his engagement in Libya he was a GIS expert in a consulting firm.



Mr. Ludvig Milles has many years of experience as an architect and planner in Sweden, most recently as the City Architect of Sundbyberg Municipality, Sweden. He will take up a post as an Urban Planner.



We welcome Ms. Karin Milles, who is an architect planner from Sweden. She will take up a position as an Urban Planner.



Mr. Hans Örn is a Senior Transport Planner, who joins the project on a short term basis. He will primarily develop policies and study opportunities for introducing a functioning public transport system in the Tripoli Metropolitan area.

## New Project Members

Here are some new faces:



Mr. Oskar Häggström is joining the project as an Urban Planner. Prior to his engagement he was working in Eskilstuna Municipality, Sweden.

## BACKGROUND

WSP International is assisting National Consulting Bureau (NCB) to provide Urban Planning Agency (UPA) with a state of the art planning portfolio of regional, sub-regional, master and detailed plans for the Tripoli Region. The 3<sup>rd</sup> Generation Planning Project also includes updated spatial data including satellite imagery, orthophotos and digital basemaps. The project started in 2005 and ends in 2009.

